Approved For Release 2009/01/07 : CIA-RDP80-00810A008000370004-2

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

SECRET

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COUNTRY	East Germany	REPORT	
SUBJECT	1956 Investment Plan of the Academy Institute for Medicine and Biology	DATE DISTR.	29 September 1955
		NO. OF PAGES	6
DATE OF INFO.		REQUIREMENT NO.	RD
PLACE ACQUIRED		REFERENCES	
DATE ACQUIRED			

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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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1. The following list represents the 1956 investment plan for the radiation research installations of the East German Academy Institute for Medicine and Biology, Berlin-Buch, Lindenberger Weg 70.

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It is not known whether or not the plan has been approved. All amounts are in DME and represent the total value of the items concerned:

Item	Value	Total
ELECTRICAL INSTALLATIONS		114,000
SPECIAL INSTALLATIONS		
For the Radium House, as ordered	35,000	
Machinery for liquid air, as ordered	40,000	
Isotope basins, as ordered	60,000	
Betatron House, preliminary planning for 1957	60,000	
		195,000
FURNITURE AND ACCESSORIES		
For the East Wing Laboratories	2,800	
For the East Wing Casino	9,400	
For paintings	6,000	
For the center of the building	13,000	
For the West Wing	105,000	
		136,200

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STATE	ARMY	AIR	FBI	AEC
#x	#x	x	#x	

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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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HIGH VOLTAGE

2 Rectifiers for high voltage potential	3,500	
Refrigeration for the Ion source	1,500	
2 x 1 Backing and Diffusion Pumps at High Voltage Potential (Vor- und Diff. Pumpe auf Hochspannungspotential)	4,000	
Construction and Refrigeration of the X-Ray Anode and of the target of the Ion Tube	5,000	
Vacuum Pump Remote Control	4,000	
Suspension of the Vacuum Pump on the Ion Tube	1,000	
Anode shield for the X-Ray Tube	1,000	
		20,000
Radiation Protection Doors for the entrance to the Radiation Rooms	5,000	
Voltage Stabiliser (Spannungskonstanthalter) (Motor-Generator set for 30 kV)	8,000	
Parallel condensors on the 1.5 MV-Generator for decreasing waviness (including assembly)	5,000	
Expansion and Putty Material V3 ([redacted]) for puttying glass tubes with iron flanges	2,000	
		20,000
Air Conditioning Installations (according to an offer made by Nagema)	160,000	
		1160,000
GRAND TOTAL		200,000

WORK SHOP

1 Engine Lathe	8,000	
1 Table Lathe	3,000	
1 Horizontal Milling Machine	10,000	
1 Shaping Machine	3,000	
1 Table Boring Machine	1,000	
1 Pair of Small Alligator Shears	150	
1 Cracker (Knacker)	50	
1 Band Saw	1,000	
1 Surface Plate (Richtplatte)	400	
1 Lathe	2,500	
1 Annealing Furnace	500	
Accessories and Tools	2,000	
Shelves for the Storeroom	3,000	
		35,000 (sic)

APPARATUS

<u>East Wing</u>

<u>Botanical Laboratory</u>

1 Deep Freeze Box, up to -30° C. (for the entire house)		3,600
1 Microscales, 0.01 mg (sic)		1,050
1 Wobser Thermostat		1,000
1 Microtome	about	700
1 Exacta Varex, with small devices	about	1,400
TOTAL		7,750

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Crystal Laboratory

1 Light-Mark Microammeter (Lichtmarken-Mikroamperemeter)	about	500	
1 Zeiss scale Galvanometer	about	1,200	
TOTAL			1,700

Ultrared Laboratory

1 Light spot line recorder (Lichtpunkt-linienschreiber)	about	2,000	
1 Registering Galvanometer	about	1,400	
TOTAL			3,400

Microwave Laboratory

1 Oscillograph	about	4,000	
1 Noise Measuring Amplifier (Rauschmessverstaerker) Type 5001 from Funkwerk Erfurt	about	3,000	
1 Precision Measuring Instrument	about	600	
1 RLC Measuring Bridge	about	1,000	
1 High Voltage Regulating Rectifier	about	3,500	
2 Registering Instruments, Measuring Range Sensitivity 60 mV		1,600	
1 Right Angle Wave Generator		2,000	
2 Measuring Clocks with Stands		200	
2 Micrometer Screws for Large Measuring Range		500	
1 Protractor (Winkelmesser) with optical Reading Device		300	
1 Table Boring Machine		800	
1 Finishing Plate (Tuschierplatte) 400 x 600mm		250	
1 Drafting Machine Isis		350	
TOTAL			18,100

Measuring Place for Microwaves
Hollow Tube Measuring Conductor HML2 (VEB Werk fuer Fernmeldewesen, HV RFT)
Directional Couplers (Richtkoppler)
Stationary Attenuator FA1 (Festattenuator)
Variable Precision Attenuator VPA1
Variable Attenuator VA 1
Counterstrike Mixing Head (Gegentaktmischkopf) with Klystron Generator and ZF-Stage GM1
Terminal Resistor AW1
Reactor RT 1
Spannklauen
Construction Frames (Aufbaurahmen) with Stands
Klystron Generator KG 1
Adaptable Conductor (Anpassungsleitung) AL 1
Conductor Bender (Leitungskruemmer), Arc (Bogen) E LEB 1, H LBH 1 and Angle E LWE 1, H LWH 1
1 Polarization Rotator
Magic T
Wavemeter WM 1
T-Branch E (Verzweigung), Directional Coupler, Double T Branch
T-Branch H

TOTAL		
GRAND TOTAL		15,000 33,100

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Plasma Laboratory

1 Filament Pyrometer		850	
1 Multiplex Galvanometer 6×10^{-10} A/mm Input Resistance about 6,000 Ohm, aperiodical Border Resistance (Grenswiderstand) 100,000 Ohm, with Registering Equipment		900	
2 Precision Instruments (Voltmeter and Ammeter)		1,200	
1 High Frequency Generator 30 k - 30 MHz	about	3,700	
1 Universal Tube Voltmeter, Type 187	about	1,300	
1 Precision Inductivity Measuring Bridge, with Standards, 0.1 uH (for the whole house)	about	3,000	
1 Capacity Measuring Bridge, Type 1007 (for the whole house)	about	2,500	
1 Audiofrequency Generator	about	800	
1 Selectograph (Wobbler)	about	2,000	
1 All-Wave Receiver, 3 Ok-35 MHz, Type 188	about	15,000	
1 Constant Rectifier 400/0.2b		1,000	
TOTAL			32,250

Mass Spectography Laboratory

1 Film Camera AK 16	about	3,200	
1 Microvoltmeter	about	600	
			3,800

Electronics Laboratory

1 Megohmmeter	about	600	
1 Tera-Ohmmeter (sic)	about	1,200	
1 Quality Factor Measuring Bridge (Guetefaktormessbruecke)	about	2,000	
1 Stationary Voltmeter 5 kV	about	900	
1 Normal Tube Voltmeter	about	900	
1 Universal Voltmeter	about	1,500	
1 Set of R Decades		1,500	
1 Set of C Decades		1,500	
1 Transmission Measuring Generator (Pegelmessgenerator)	about	2,400	
1 Test Generator up to 250 MHz	about	1.600	
1 RC-Generator up to 300 kHz	about	1,500	
1 Measuring Amplifier (Messverstaerker)	about	1,000	
			16,600

Radium and X-Ray Dosimetry Laboratory

1 Universal X-Ray Dosimeter and Accessories	about	2,500	
1 Light-Mark Galvanometer (Lichtmarkengalvanometer), 6,000 Ohm Resistance 10^{10}	about	800	
			3,300

Meteorological Laboratory

1 Gust Recorder	about	3,500	
2 Gravity Type Scribes	about	3,000	
1 Actinometer	about	[illegible]	
1 Registering Electrometer	about	[illegible]	
			10,000

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Electron Biology Laboratory			
1 Gluehsender (possibly diathermy machine)	about	14,000	
1 Registering Device Multiflex	about	1,400	
2 Relaxation Oscillators (Kippgeraete)		2,000	
			17,400
Ultrasonics Laboratory			
1 Ultrasonic Transmitter	about	3,000	
1 Ultrasonic Generator	about	10,000	
1 Ultrasonic Dosimeter	about	800	
1 Ultrasonic Visual Indicator (Ultraschallsichtgeraet)	about	2,000	
			15,800
Counting Tube Laboratory			
1 Cathode Ray Oscillograph	about	1,200	
3 Mechanical Counters	about	750	
			1,950
Apparatus for the Whole House			
1 Constant Rectifier (5,000 Volt)	about	6,000	
1 Tape Recorder from Guelle u. Pinick	about	2,000	
1 Comparator	about	4,000	
1 Ultrared Absorption Recorder	about	74,000	
1 Electric Calculating Machine	about	4,000	
			90,000
Devices to be Procured with DMW (Amounts in DMW)			
3 Stationary Voltmeters	about	2,500	
2 Stationary Voltmeters 500 V	about	1,600	
1 Radium Preparation 10 mg	about	1,200	
3 Electrostatic Light-Mark Voltage meters (Lichtmarken-Spannungsmesser), from Hartmann u. Braun 2		4,500	
			9,800
West Wing			
Cellar	about	10,000	
Ground Floor (After the Institute for Research on the Physics of Solids has moved out)	about	40,000	
Second Floor	about	50,000	
Third Floor	about	40,000	
			140,000
OTHER			
1 Automobile	about	14,000	
			14,000
Total Funds Needed by the Institute		about	1,400,000 DME

1. [redacted] Comment: Dr. Pupke is head of the so-called "Neutron House" of the Institute.

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